



"Commitment Tracking" Interface

Line Office Briefing

August 8, 2002

Agenda



- ❖ Commitment Tracking Interface Status
- ❖ Security - Data within the Data Warehouse
- ❖ Functional/Business Rules Issues
- ❖ Discover Business Areas
- ❖ New Features
- ❖ Technical Issues
- ❖ Questions/Answers

Status Summary



Data Warehouse Development Status	Requirements	Designed	Developed	SI Tested	LOTESTDW	Production
Priority 1						
Data Warehouse Structure						S
NDW_BOP_SUMMARY						S
NDW_FIN_CAT_SUMMARY						S
NDW_GL_ACCT_SUMMARY						S
NDW_AP_TRANS				S		
Month End Status (NDW050)						S
Priority 2						
NDW_LABOR_DETAIL				S		
NDW_RESERV_TRANS						
Priority 3						
Summary Level Transfers						
Discoverer Business Areas						
AP Area					N/A	
GL Area					N/A	
Not Scheduled						
NDW_COMMIT_TRANS						
CPCS Log Orders (requires CFS Mods)						
Supporting Activities						
Data Warehouse Reports	Various Stages					

August 8, 2002

Commitment Tracking Interface Status



- ❖ **Priority 1 Items (should NOT be used to feed Line Office systems until FY03)**
 - » **Scheduled for promotion to production:**
 - NDW_GL_ACCT_SUMMARY
 - NDW_FIN_CAT_SUMMARY
 - NDW_BOP_SUMMARY
 - NDW_BOP_DETAIL
 - » **NDW011_REFRESH to populate NDW_AP_TRANS with logic for 48xx series will be promoted to Systems Integration testing Friday. Target September for production implementation.**
 - » **Security view for NDW_AP_TRANS developed and is being tested. Will also be promoted on Friday.**

Commitment Tracking Interface Status (Cont'd)



❖ Priority 2 Items

- » NDW_LABOR_DETAIL will be promoted for Systems Integration testing on Friday.
- » Formal NDW control totals in functional testing will be promoted on Friday.
- » FTE calculations – received specifications 8/8.
- » TMTA data mart (Travel Orders) – read-only as of 10/4 (no new transactions).
- » CPCS-DW goes away in FY03 (data is in NDW)

❖ Priority 3 Items

- » Summary Level Transfers have been coded for in NDW_AP_TRANS. Require data to test.

Commitment Tracking Interface Status (Cont'd)



❖ LOTESTDW

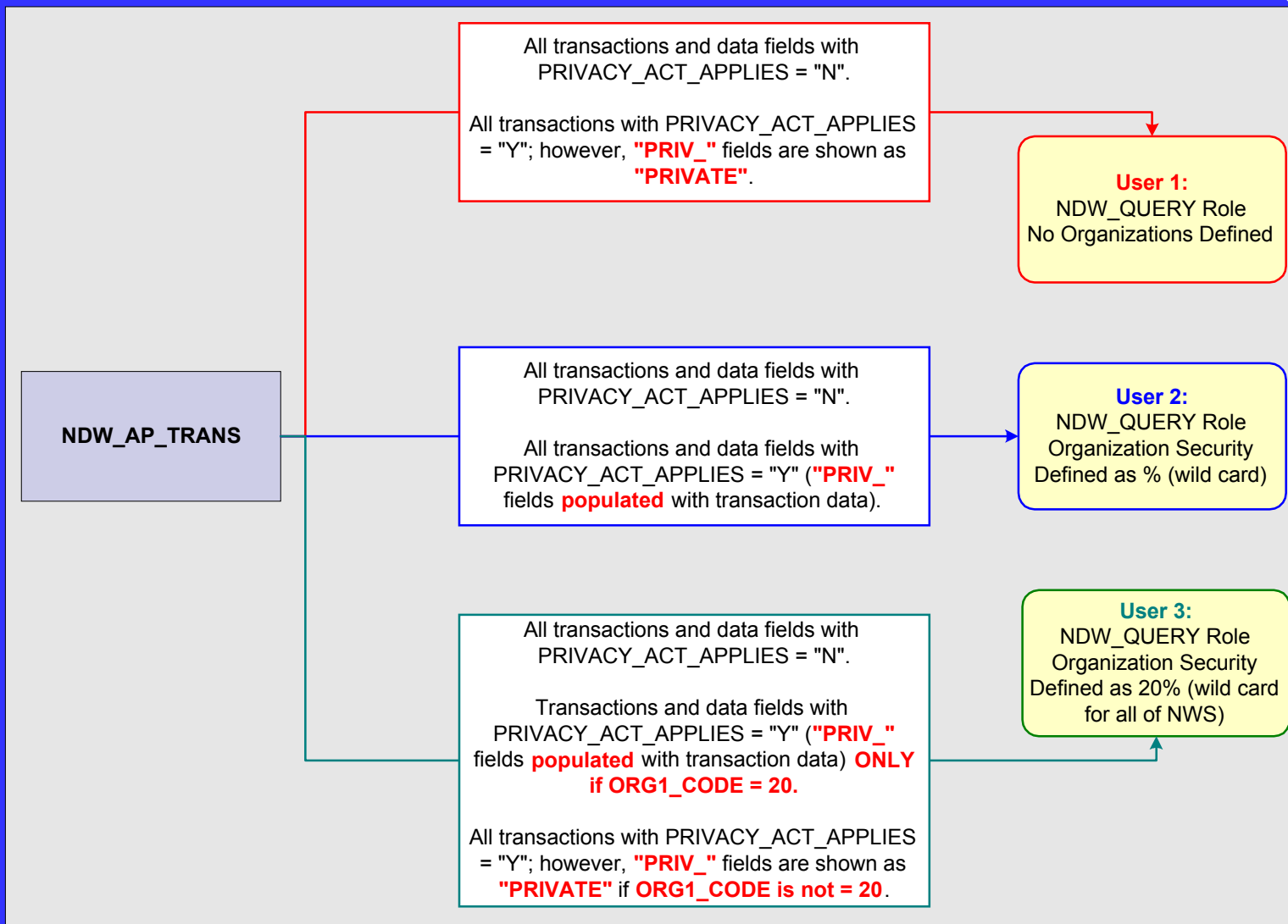
- » LOTESTDW updated with tables from CAMST2DW.
- » NDW_EMPNO_SSN_V in LOTESTDW for NDW_EXTRACT role ONLY.
- » NDW_AP_TRANS being populated in CAMST2DW for FY2002. Will be moved to LOTESTDW when complete (approximately 2.8 M transactions). Updated interim version from NTESTDW copied Wednesday.
- » Security view of NDW_AP_TRANS to be implemented in LOTESTDW on Friday.
- » NDW_LABOR_DETAIL with security view to be copied from NTESTDW to LOTESTDW by 8/23.

Security



- ❖ Security for NDW_AP_TRANS will be implemented via a view called NDW_AP_TRANS_LO_V.
 - » Security will be implemented by organization (can be implemented down to the 7th level).
 - » There can be more than one entry for user (I.e., 2005% and 2006%).
 - » If the user has an entry in the security table, they will be able to see PRIV columns where the PRIVACY_ACT_APPLIES flag = 'Y' and the ORGn_CODES match those for which they are authorized.
 - » Will still be able to see transaction data for projects that cross organizations, just not the PRIV columns.
- ❖ Line Offices will use this view for selecting and extracting data (I.e., “select from NDW_AP_TRANS_LO_V where ...”).

Security (Cont'd)



Security (Cont'd)



- ❖ Line Offices will update the extract columns against the NDW_AP_TRANS table (I.e., “update NDW_AP_TRANS set X01_ORIGINAL_EXTRACT_DATE = sysdate ...”) or through the LO_EXTRACT_UPDATE function.
- ❖ The NDW_AP_TRANS_LO_V can be used by all users for viewing.
- ❖ The NDW_AP_TRANS_V will no longer be necessary and will be deleted.

Security (Cont'd)



- ❖ A similar capability will be applied to NDW_LABOR_DETAIL.
 - » Security will be implemented at a row level. If you are not authorized to view privacy data for that organization, you will not see any data.
 - » All labor data in NDW_LABOR_DETAIL is summarized in NDW_AP_TRANS so the charges that cross organizations is available at a summarized level.
 - » Employee level labor data will only be available for the Organization(s) for which you have access.

Functional/Business Rules Issues

- ❖ Logic Change for Cash-In-Your-Account Awards?
 - » **Currently logic sets NDW_LABOR_TYPE to "AWARD" if:**
 - SGL account_no is between 4900 and 4999 (Expenses. Since these are processed as no-match vouchers, obligations do not apply).
 - Subsystem_code is NOT = 'GJ' (GJ is the subsystem code that labor from NFC is processed).
 - Object code = 1159
- ❖ Issue: The 1159 object class may be applied to other item types that are not CIYA awards (e.g., found records with item types of FEDEX, UTIL, and SF1164). These are also identified with a NDW_LABOR_TYPE of "AWARD".
- ❖ Proposal: Change the logic to also check that AFFECTED_ITEM_TYPE = 'CD326'.

Functional/Business Rules Issues (Cont'd)



❖ PP_..._CY field definition

- » NFC provides this data as a one-position value and that is how it is stored in CFS.
- » NFC populates the field with calendar year from the date they ran the process and not the calendar year of the pay period. Last year the pay period ended on 12/29/2001 and the data came in as calendar year 2 since they didn't run labor until 1/6/2002.
- » We have not been provided an algorithm for logically converting this field to a standard four-position value. Therefore, we will represent the data as it is stored in CFS (one-position).

Functional/Business Rules Issues (Cont'd)



❖ PP_..._CY field definition (Cont'd)

- » NFC was asked to fix the incorrect data population problem. Will not know if it was fixed until the end of this year.
- » There is no mechanism within CFS to correct the data.

Discoverer Business Areas



- ❖ Business Area need to be established, prior to users being able to access the data. Discoverer does not execute a “native” Oracle SQL query – it requires the “meta” data be established as a business area.
- ❖ Access is controlled at the Business Area level
- ❖ There will be numerous business areas created over time for use by end users. Initially, the first 2 are:
 - » **Accounts Payable**
 - » **General Ledger**

New Features - NDW



❖ Materialized Views

- » **NDW_OBJECT_CLASS_MV** – All four levels of valid Object Code combinations with associated descriptions.
- » **NDW_ORGANIZATION_MV** – Bureau Code and all seven levels of valid Organization Code combinations with associated descriptions.
- » **NDW_PROGRAM_MV** – Bureau Code, Fund Code, and all four levels of valid Program Code combinations with associated descriptions.

❖ Performance Improvements

- » **Data will be partitioned by Fiscal Year**

New Features (Cont'd)



- ❖ Addition of descriptions for unique ACCS combinations:
 - » **NDW_ACCS_ID_CONTROL** table contains each unique ACCS combination used (from TRIAL) and assigns a unique **NDW_ACCS_ID**.
 - » For each record, the description for ACCS component is also provided:
 - Bureau
 - Fund
 - Org1-7
 - Program 1-4
 - Project
 - Task
 - Object 1-4

Technical Issues – Extract Users

- ❖ Connectivity to Production will require that a secure data transmission mechanism be in place for each extract user / system (ITC will support VPN tunnel from ITC to LO server). Requires coordination.
- ❖ LO's should test extract code and scripts / batch jobs on a development server. This extract code should be demonstrated in a CAMS test area before it is promoted to the production CAMS environment.
- ❖ Scheduling or kick-off of batch routines / extract jobs
- ❖ Data security for any files stored on CAMS servers.

Discussion



- ❖ Outstanding issues / concerns
- ❖ Status of LO efforts
- ❖ Line Office Questions
- ❖ Review of Action Items